

Claims:

1. An electronic apparatus comprising:

a display unit;

an image pick-up unit, an image pick-up direction of the image pick-up unit and a display surface of the display unit being set to the same direction; and

a display control unit which controls to switch a display luminance of the display unit by at least two levels, and controls the display unit to display a prescribed image with the highest luminance level when the image pick-up unit picks up an image.

2. The electronic apparatus as set forth in claim 1, wherein the display control unit changes the display luminance of the display unit before and after a moment when the image pick-up unit picks up the image;

wherein the display control unit switches the display luminance of the display unit to the highest luminance level before the moment when the image pick-up unit picks up the image; and

wherein the display control unit switches the display luminance of the display unit to a luminance level lower than the highest luminance level after the moment when the image pick-up unit picks up the image.

3. The electronic apparatus as set forth in claim 1 or 2, wherein the prescribed image is an image in which all pixels forming the display unit emit white lights.

4. The electronic apparatus as set forth in claim 1 or 2, wherein the prescribed image is an image previously selected before the image pick-up unit picks up the image.

5. The electronic apparatus as set forth in claim 1, 2, 3 or 4, wherein the display unit includes a first display unit provided in a front surface side of the electronic apparatus and a second display unit provided in a back surface side of the electronic apparatus;

wherein the image pick-up unit includes a first image pick-up unit provided in the front surface side of the electronic apparatus and a second image pick-up unit provided in the back surface side of the electronic apparatus;

wherein when the image is imaged by the second image pick-up unit, the display control unit controls the second display unit to display the prescribed image with the highest luminance level, and controls the first display unit to display the image from the second image pick-up unit with an arbitrary luminance level; and

wherein when the image is imaged by the first image pick-up unit, the display control unit controls the first display unit to display the prescribed image with the highest luminance level, and controls the second display unit to display an arbitrary image with an arbitrary luminance level.

6. A method of imaging by using an electronic apparatus having a display unit and an image pick-up unit, a display surface of the display unit and a image pick-up direction of the image pick-up unit being set to the same direction, the method comprising:

controlling to switch a display luminance of the display unit by at least two levels; and

controlling the display unit to display a prescribed image with the highest luminance level when the image pick-up unit picks up an image.

5

7. The method as set forth in claim 6, wherein the display luminance of the display unit is switched to the highest luminance level before a moment when the image pick-up unit picks up the image; and

wherein the display luminance of the display unit is switched to a luminance level lower than the highest luminance level after the moment when the image pick-up unit picks up the image.

10

8. An electronic apparatus comprising:

15 thereto;

a light emitting unit which emits light by supplying electric current

a lighting control unit which controls the lighting of the light emitting unit; and

a lighting instructing unit which instructs the lighting control unit to control the lighting of the light emitting unit,

20

wherein the lighting control unit controls the lighting of the light emitting unit with a first luminance for a first use of lighting; and

wherein the lighting control unit controls the lighting of the light emitting unit with a second luminance for a second use of lighting when an instruction for lighting is supplied from the lighting instructing unit.

25

9. The electronic apparatus as set forth in claim 8, wherein the lighting control unit controls the lighting of the light emitting unit to inform a user of receiving a call for the first use of lighting when a call is received by a communication unit.

5

10. The electronic apparatus as set forth in claim 8, wherein the lighting control unit controls the lighting of the light emitting unit for informing a user of a time of alarm for the first use of lighting when it is a prescribed alarm setting time.

10

11. The electronic apparatus as set forth in any one of claims 8 to 10, wherein the lighting control unit controls the light emitting unit to emit light for an imaging light operation of an image pick-up unit as the second use of lighting.

15

12. The electronic apparatus as set forth in claim 11, wherein when the imaging light operation of the image pick-up unit are carried out for the second use of lighting, the lighting control unit controls the light emitting unit to emit light with a second luminance before the imaging operation by the image pick-up unit; and

20

wherein the lighting control unit controls the light emitting unit to emit light with a third luminance brighter than the second luminance during the imaging operation by the image pick-up unit.